



De ce un Grup de lucru  
pentru  
Cancerul bronhopulmonar ?



# ***CANCERUL PULMONAR DOMINA TABLOUL ACTUAL AL MALIGNITATILOR***

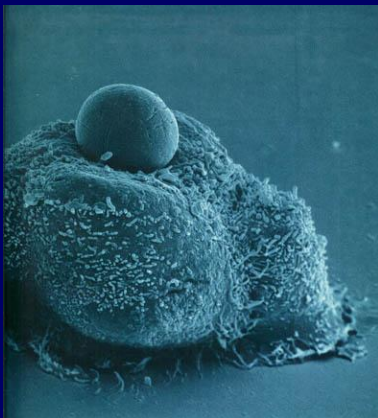
**PRIMUL LOC – STATISTICI DE MORTALITATE**

**FRECVENTA - LOCUL I - BARBATI**

**- LOCUL III - FEMEI – IN CRESTERE**

**INCIDENTA - CRESTERE – RAPIDA - IN PARALEL cu FUMATUL**

**(in ultimii 30 de ani)**

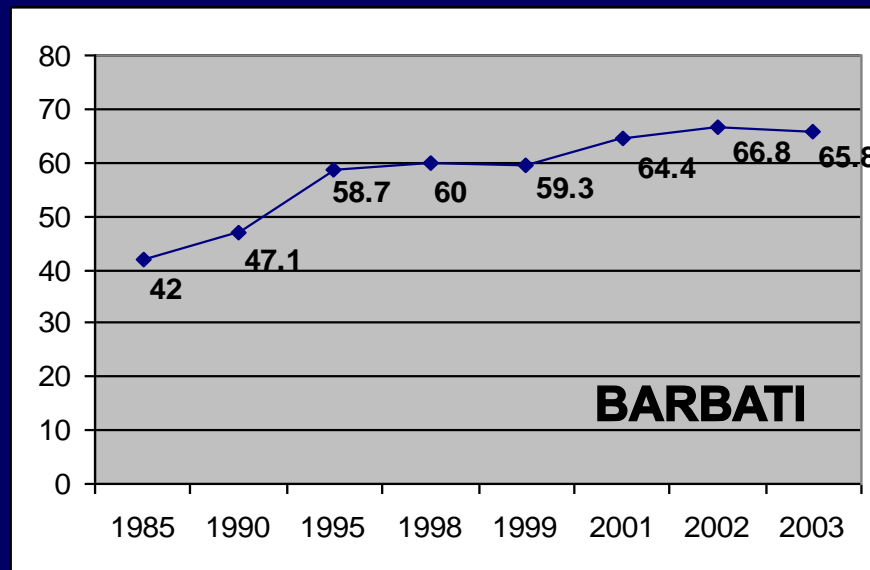
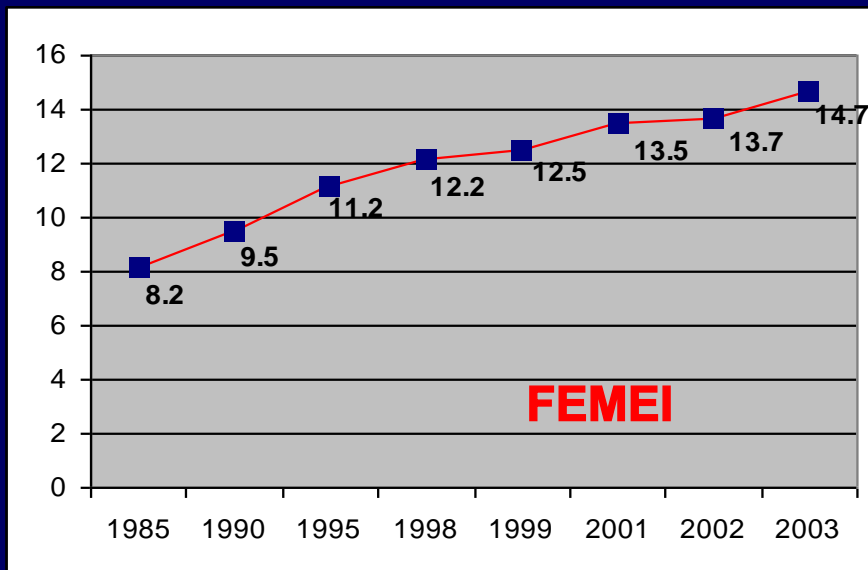


# CANCERUL PULMONAR – ROMANIA

## *RATA DE CRESTERE - MORTALITATE*

**FEMEI 79,3%**

**BARBATI 55,7%**



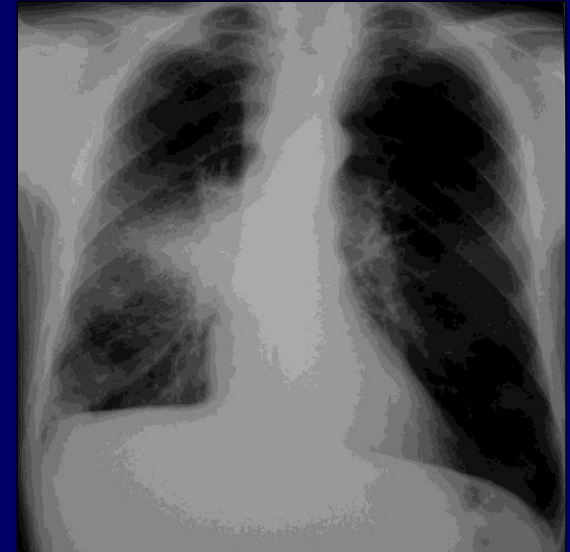
# CANCER BRONHOPULMONAR

***MOMENTUL PREZENTARII LA MEDIC***

***PACIENTI SIMPTOMATICI***

**STADIU AVANSAT AL BOLII**

**FRECVENT INOPERABIL**



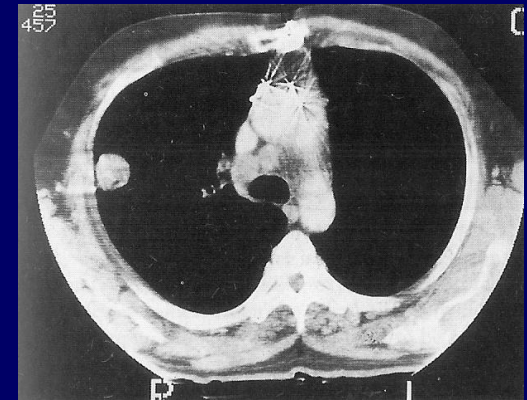
# CANCER BRONHOPULMONAR

***DESCOPERITI INTAMPLATOR***

***5% DIN PACIENTI***

**INVESTIGATII DE RUTINA**

**BILANTURI PREOPERATORII ETC.**



# CANCER BRONHOPULMONAR

***DIAGNOSTIC POZITIV***

***20-25% DIN PACIENTI***

**CAZURI OPERABILE**



# CANCER BRONHOPULMONAR

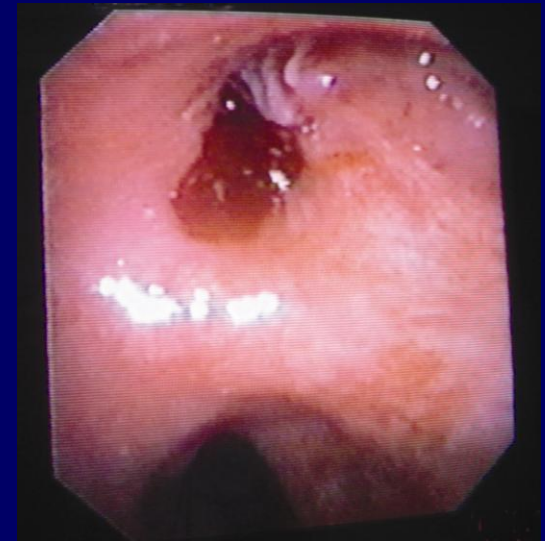
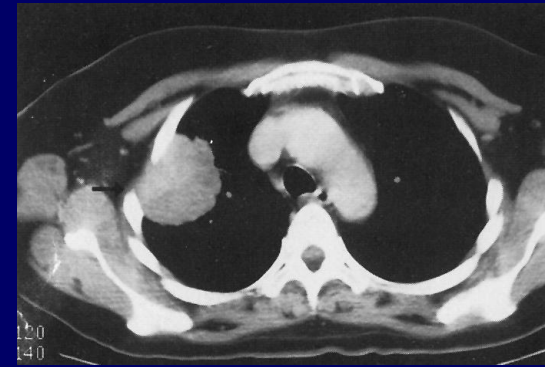
***FARA TRATAMENT***

***MAJORITATEA PACIENTILOR***

***DECEDEAZA IN PRIMUL AN***

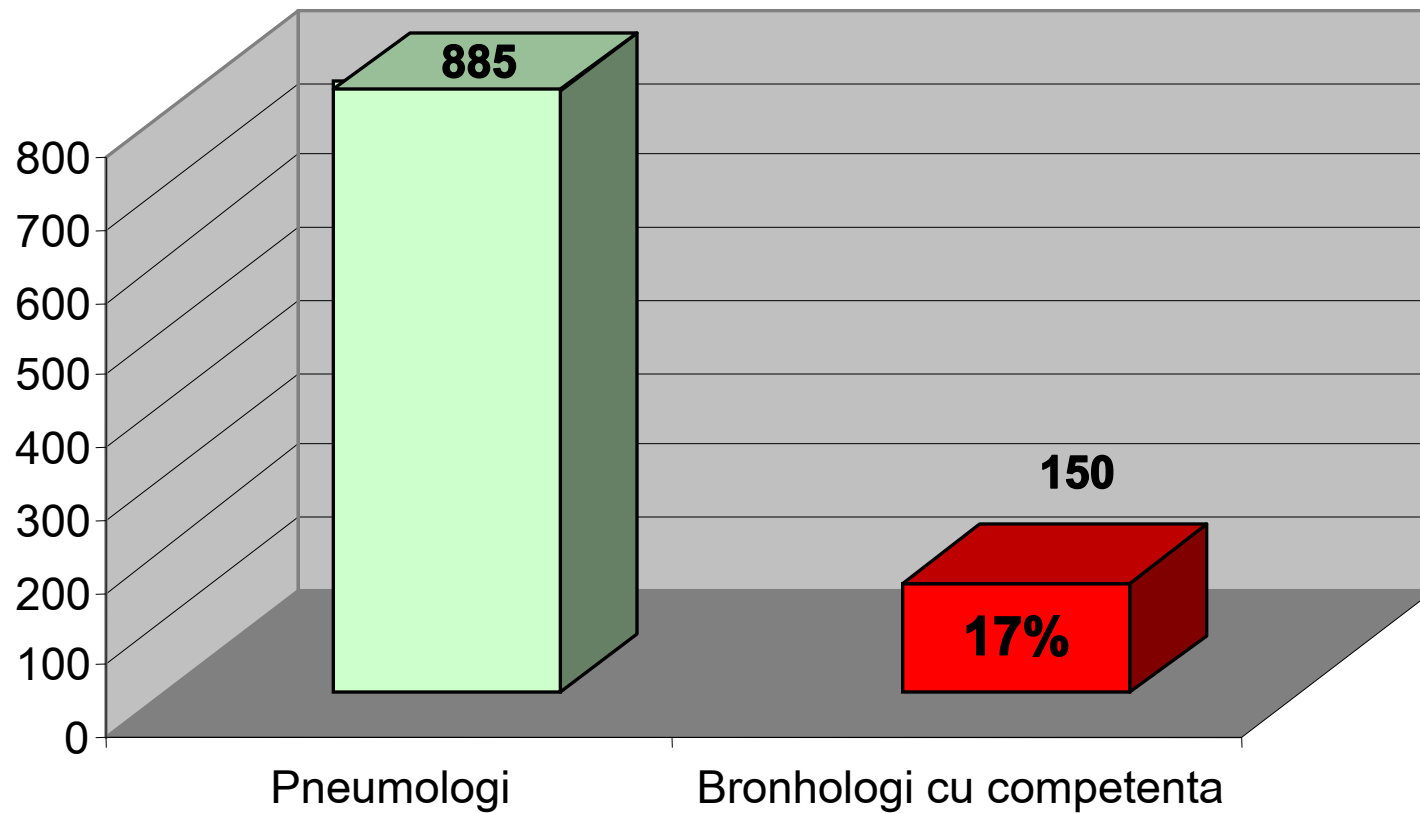


***ROMANIA ?***

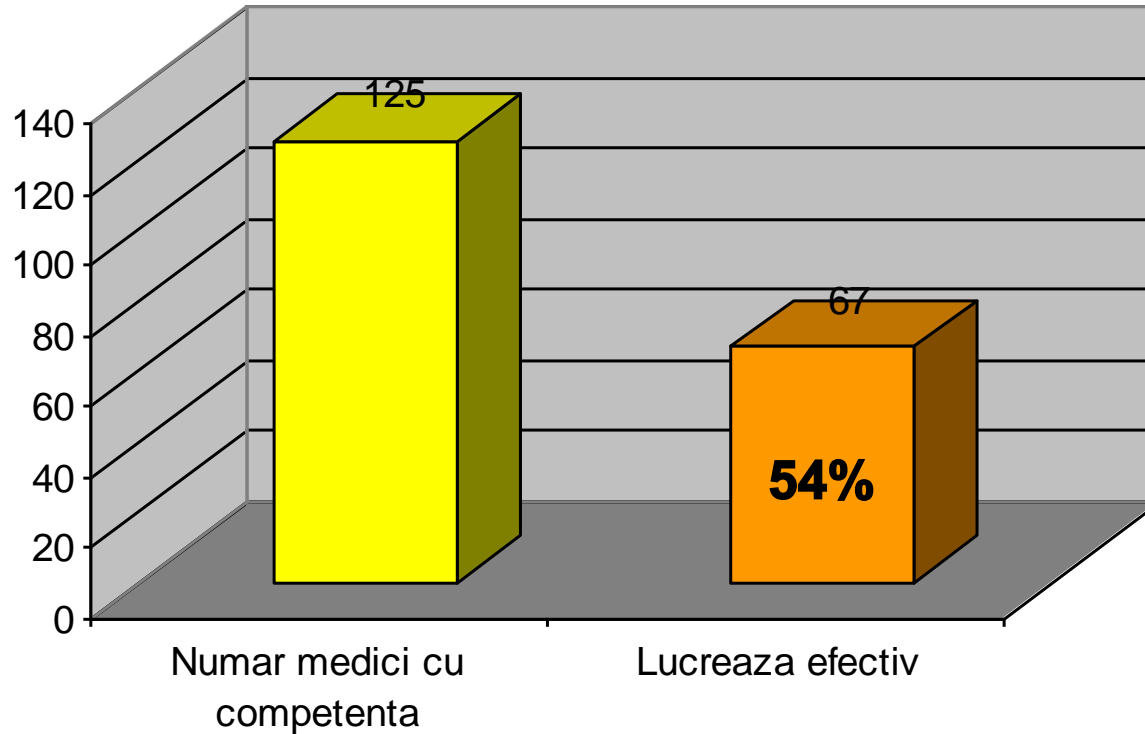


- Se poate diagnostica optim neoplasmul bronhopulmonar ?

# PNEUMOLOGI ROMANI – AVAND COMPETENTA IN BRONHOLOGIE



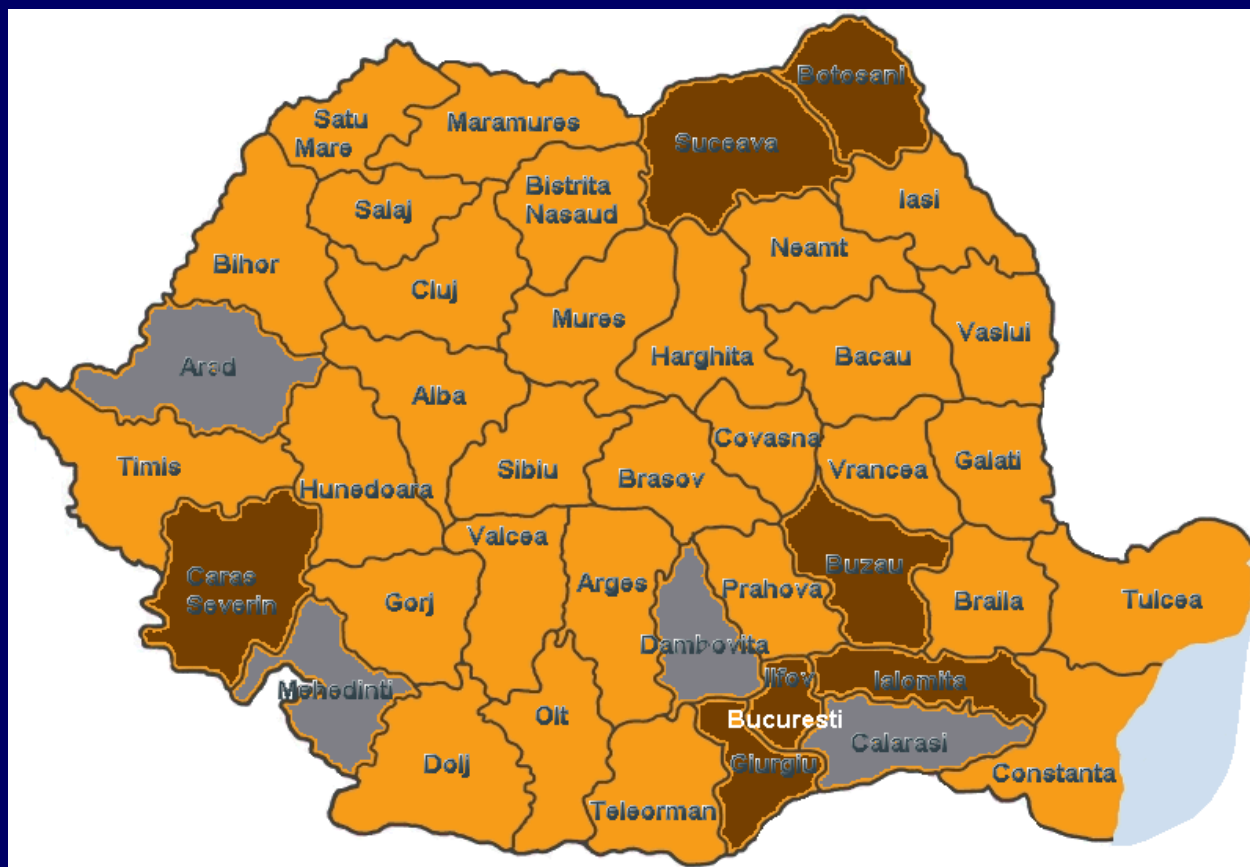
# COMPETENTA IN BRONHOLOGIE – LUCREAZA EFECTIV (exceptand Bucurestiul)



# 11 JUDETE IN CARE NU SE PRACTICA EXAMENUL BRONHOSCOPIC - AUGUST 2005 -

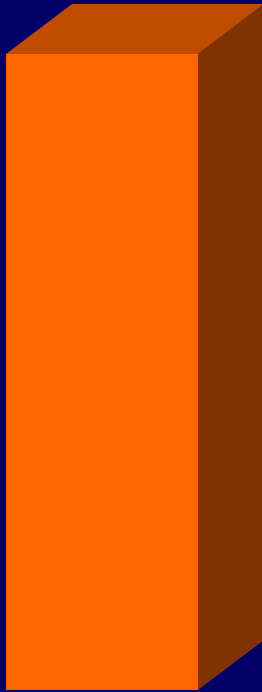


# In 9 judete(19%) nu exista servicii de bronhologie **octombrie 2009**



# POPULAȚIA FĂRĂ ACCESIBILITATE LA BRONHOSCOPIE IN JUDEȚUL DE DOMICILIU

4.620.000  
LOCUITORI



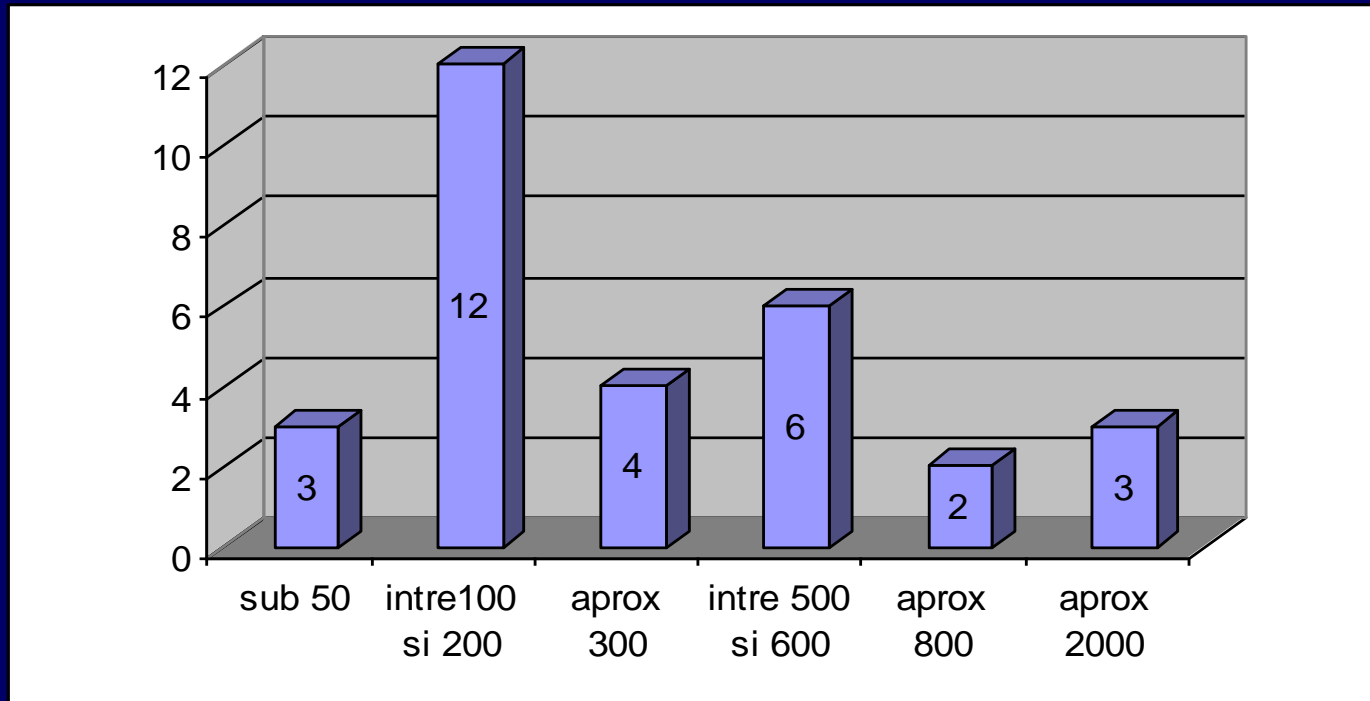
39.6%000



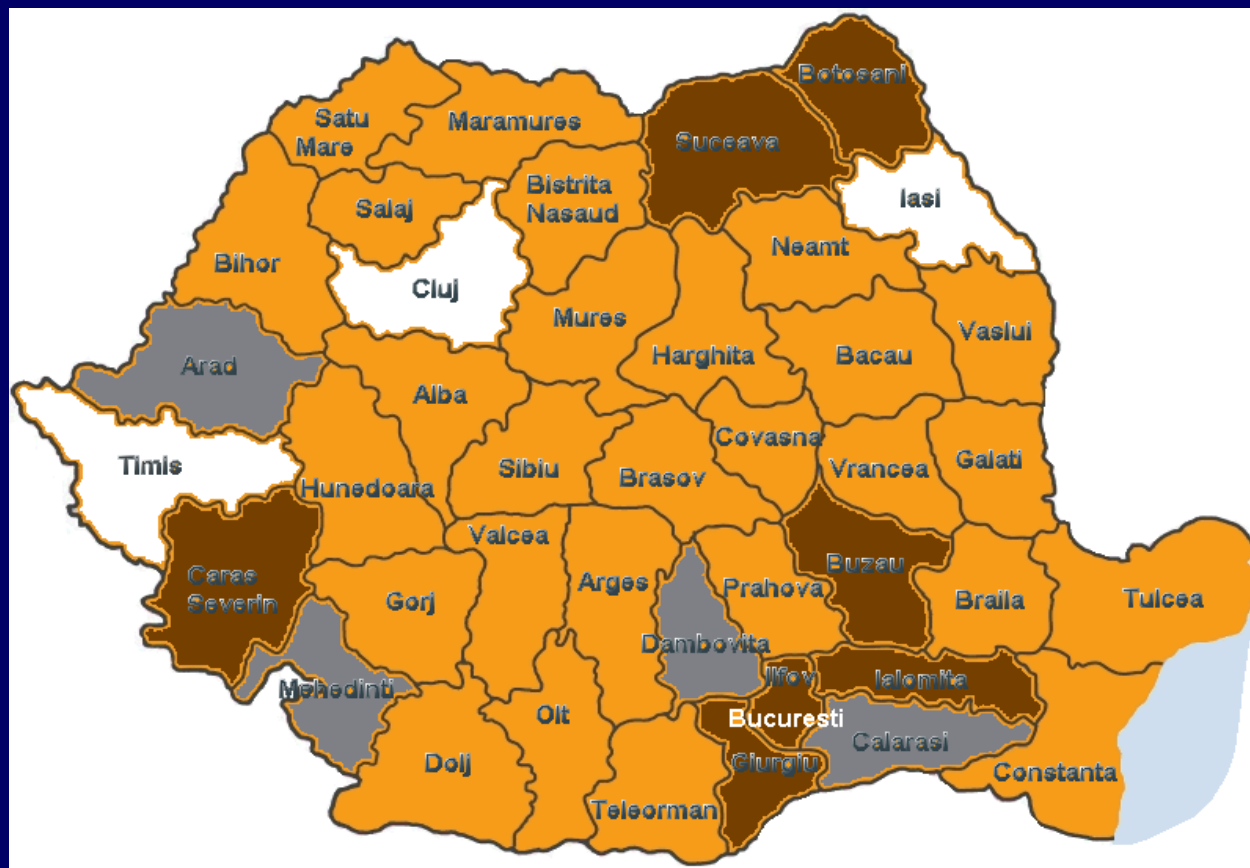
MORTALITATEA  
PRIN CANCER  
BRONHOPULMONAR

\* 22% din populație

# Numar de fibrobronhoscopii efectuate in 2008 in judetele intervievate



In cele 3 judete colorate cu alb se lucreaza  
aproximativ 2000 de bronhoscopii

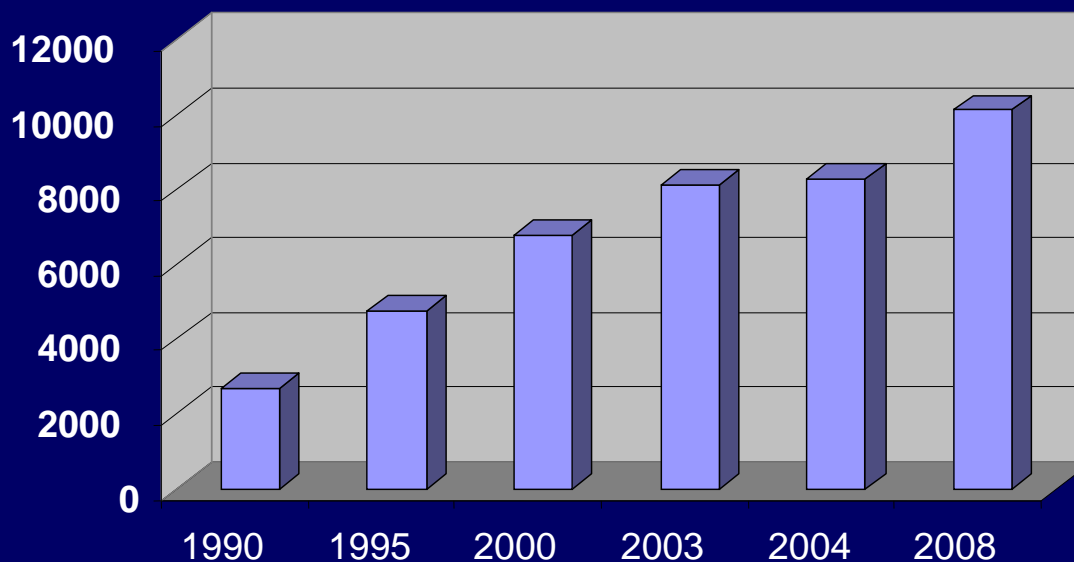


# “SUPRAINCARCAREA” SERVICIILOR DE BRONHOLOGIE

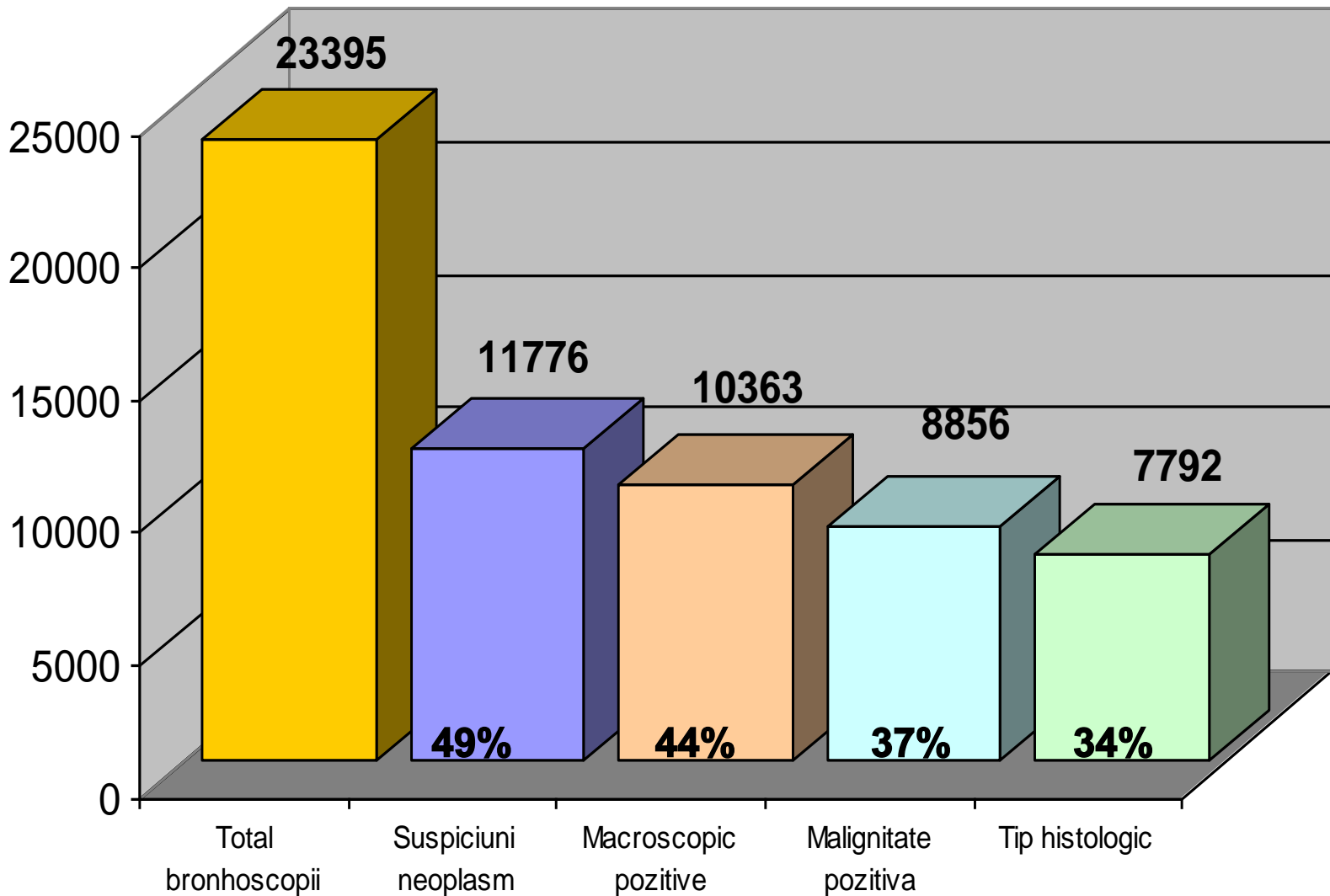
↑ CANTITATII IN DETRIMENTUL CALITATII

## SUPRASOLICITAREA FIZICA SI UZURA INTELECTUALA A PERSONALULUI MEDICAL

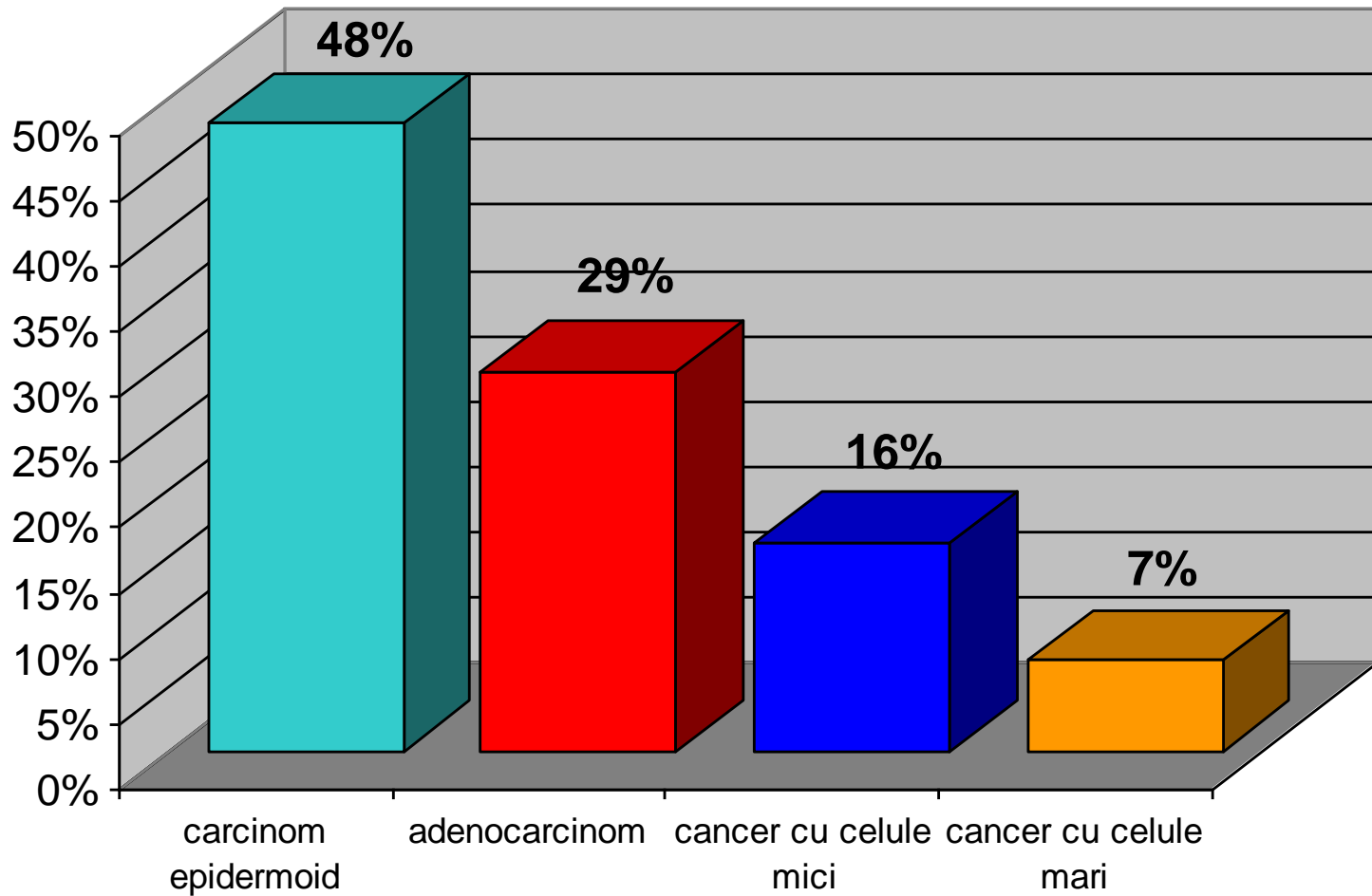
Numărul bronhoscopiilor efectuate/an



# BRONHOSCOPII - INSTITUTUL "MARIUS NASTA" 1999 – 2000 - 2001



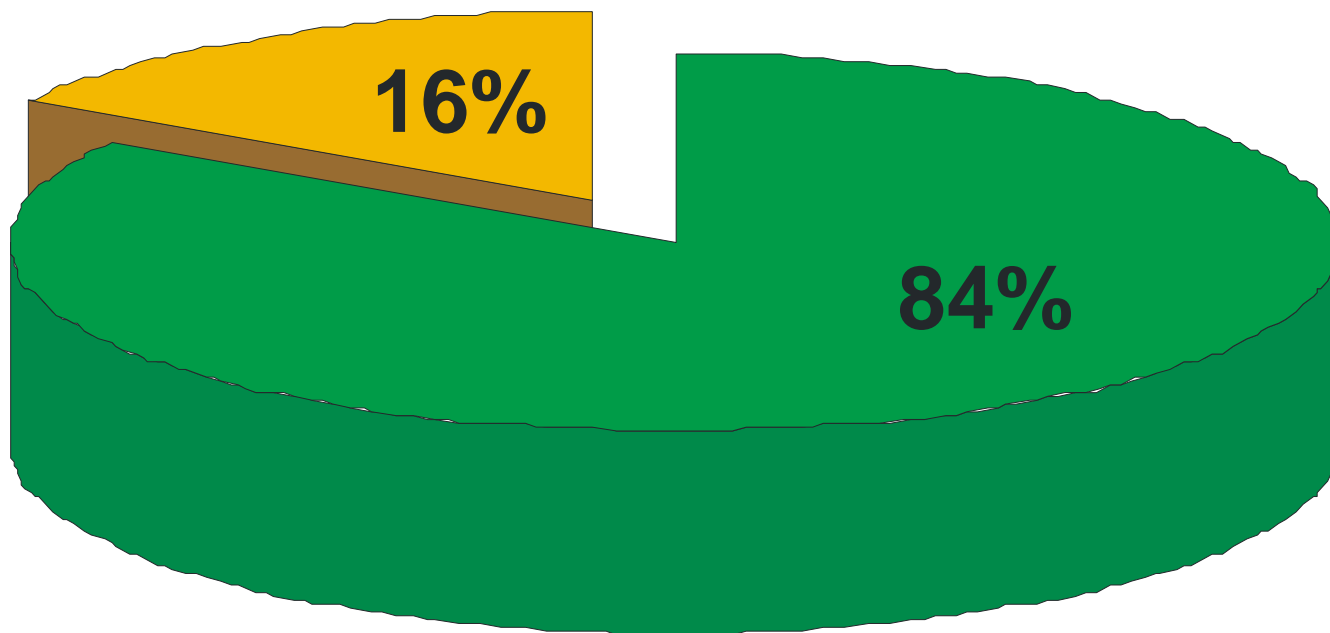
# 7792 NEOPLASME BRONHOPULMONARE



# Bronhoscopii - Institutul "Marius Nasta" 1999-2000-2001

8856 neoplasme bronhopulmonare

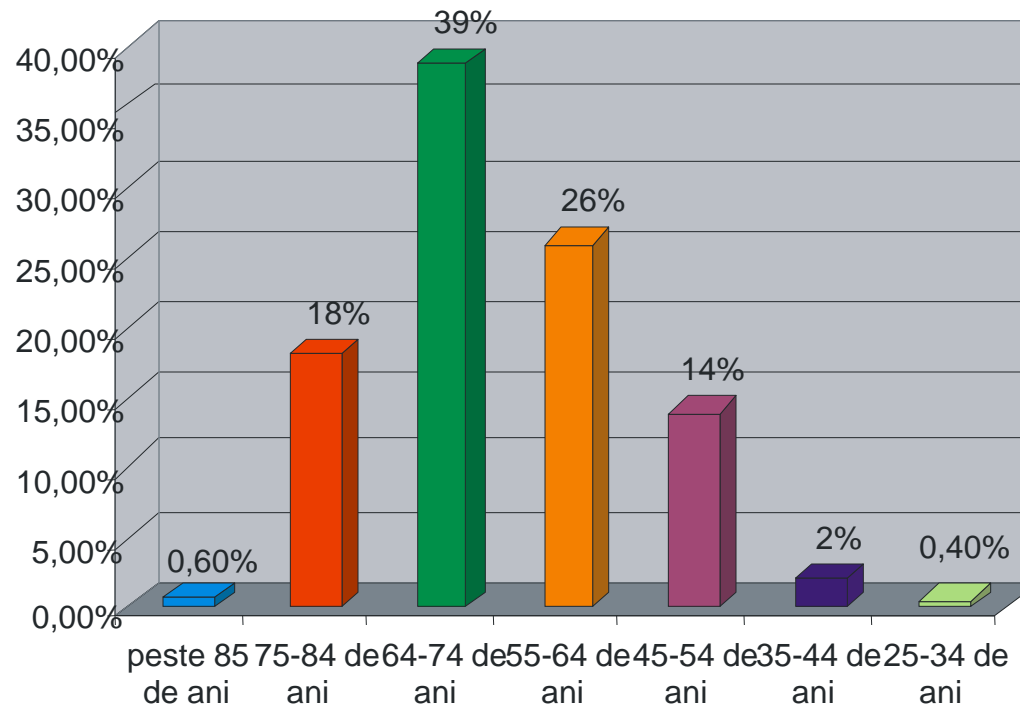
1417 nefumatori



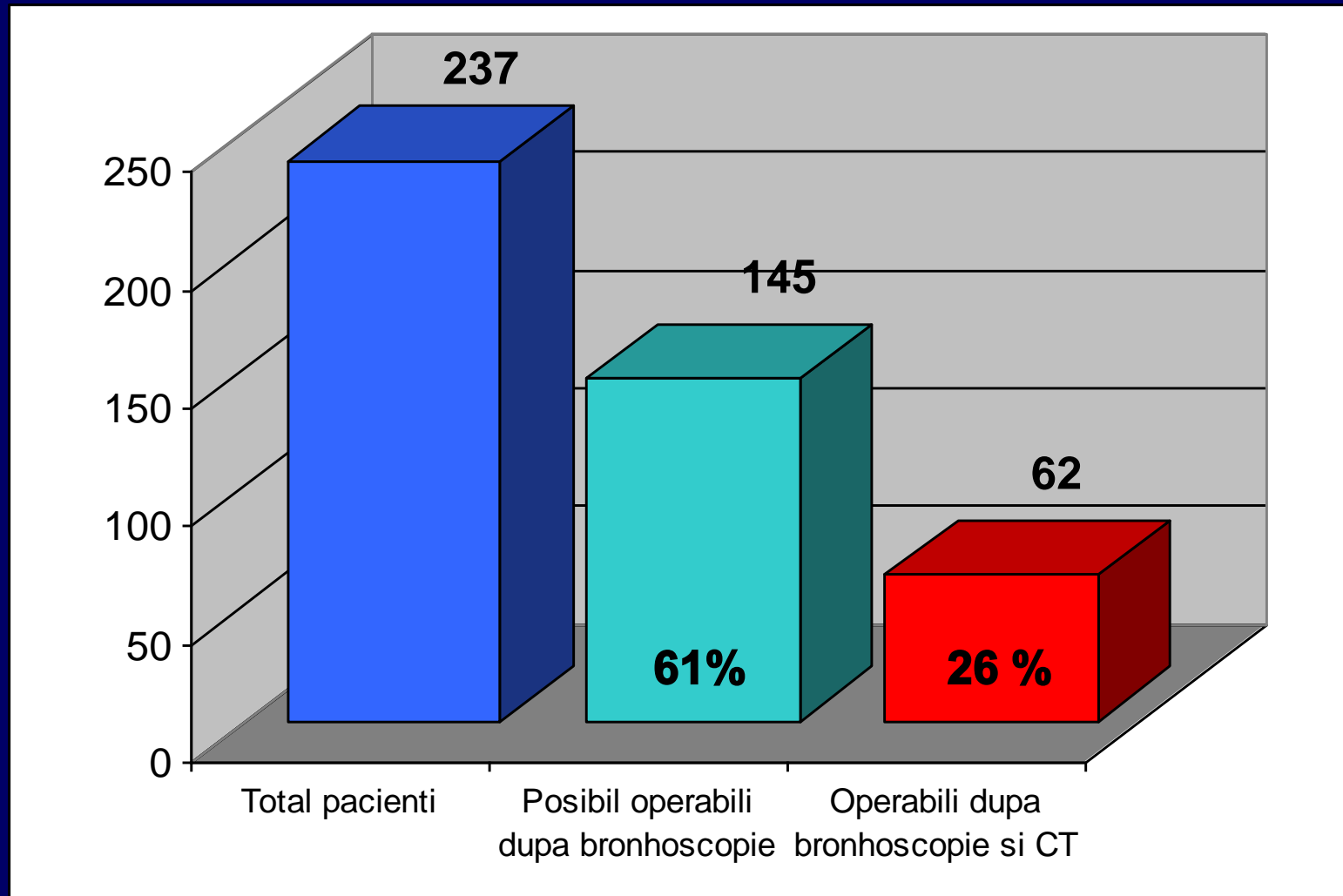
 Fumator  $\geq 10$  pachete/an

7439 fumatori

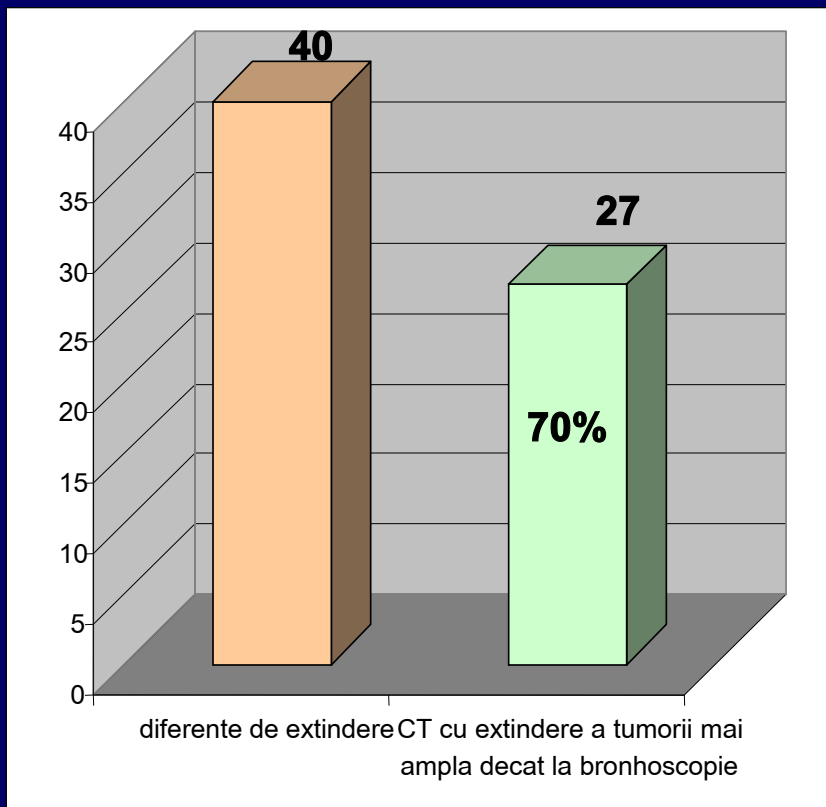
**CANCER BRONHOPULMONAR**  
**RISC DE APARITIE CONSIDERABIL**  
**FUMATOR - INDICE  $\geq 10$  PACHETE/AN**  
**VÂRSTĂ PESTE 45 DE ANI**  
**SIMPTOMATIC RESPIRATOR**



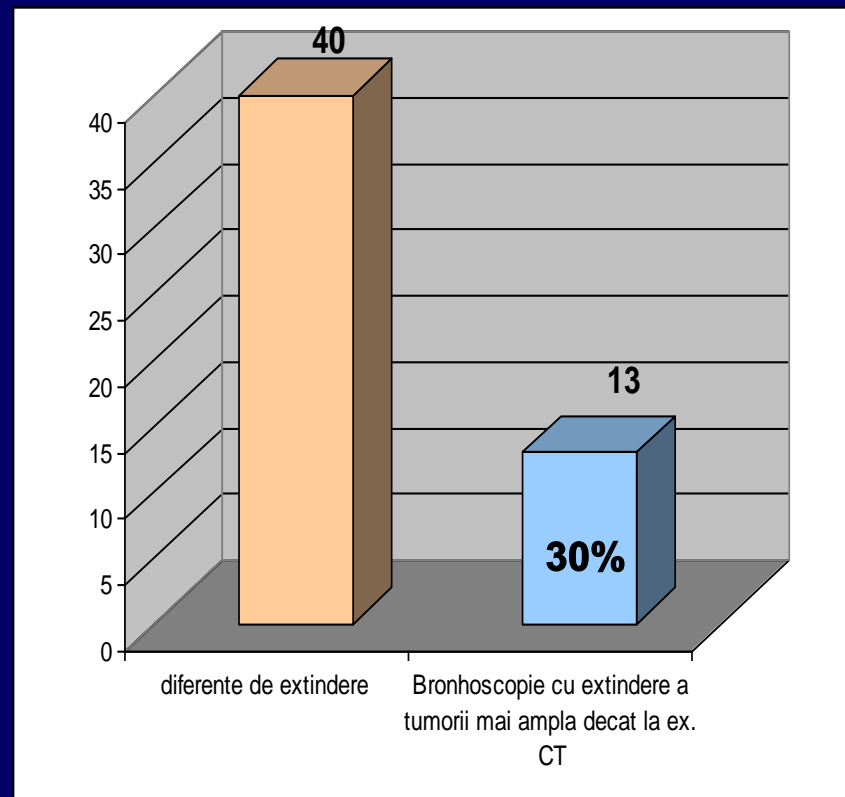
# **OPERABILI DUPA BRONHOSCOPIE SI TOMOGRAFIE COMPUTERIZATA**



## **CT CU EXTINDERE A TUMORII MAI AMPLĂ DECÂT LA BRONHOSCOPIE**



## **BRONHOSCOPIE CU EXTINDERE A TUMORII MAI AMPLĂ DECÂT LA EX. CT**

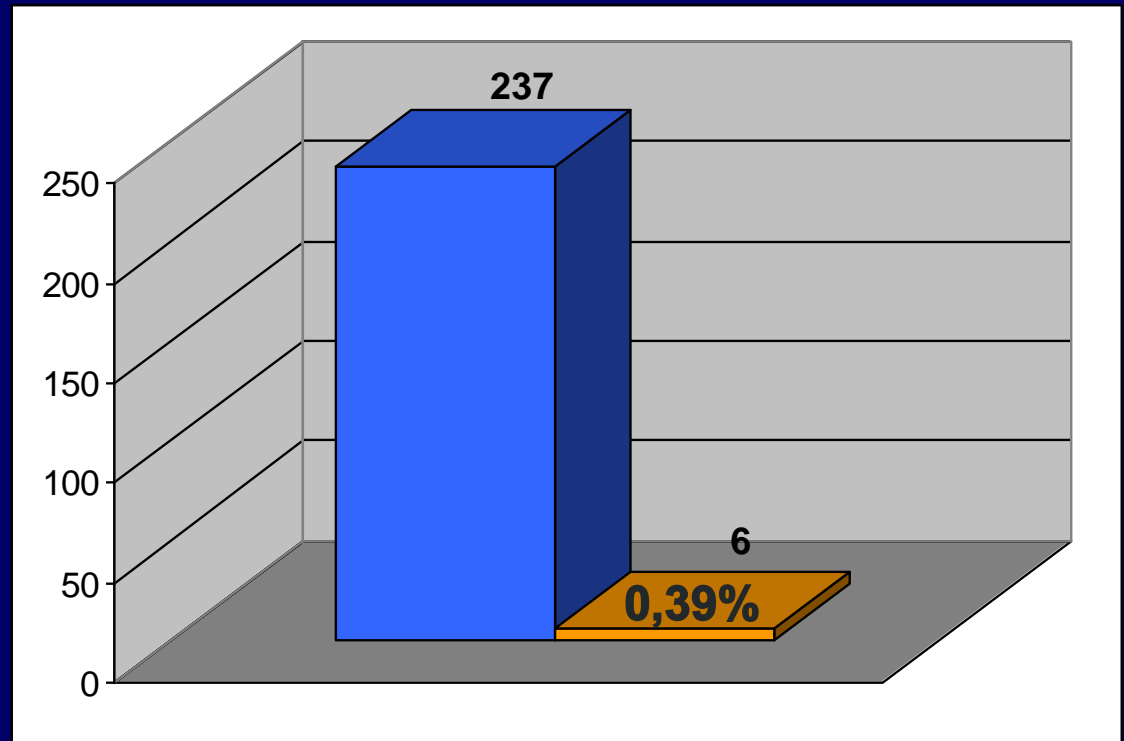


# OPERABILI

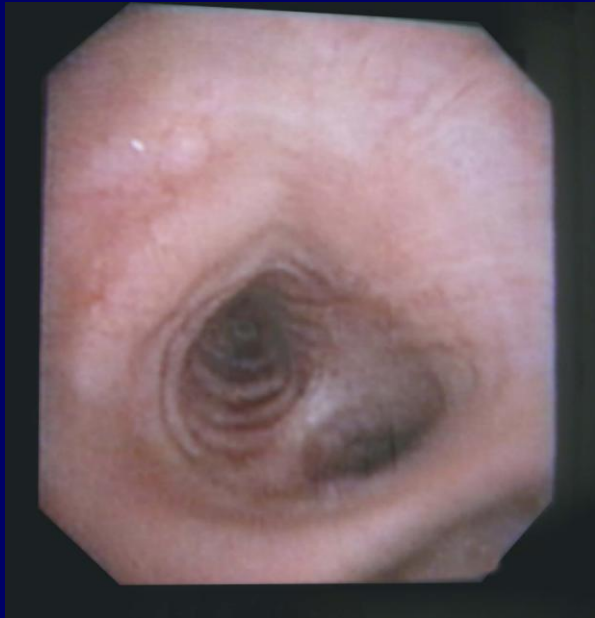
**CT NORMAL  
BROHOSCOPIE**

**- Neoplasm in situ**

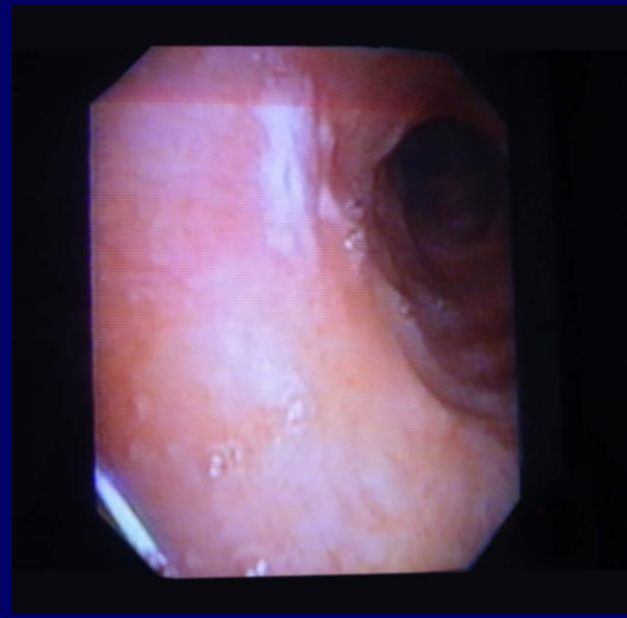
**6 cazuri**



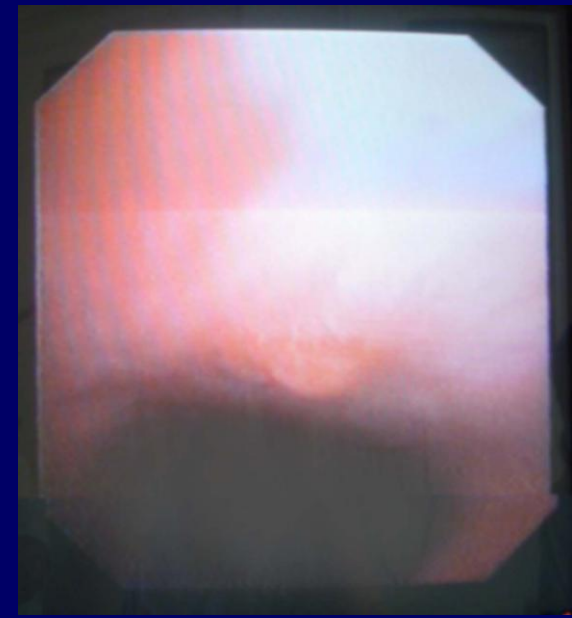
# NEOPLASM IN SITU



**femeie, 45 ani**

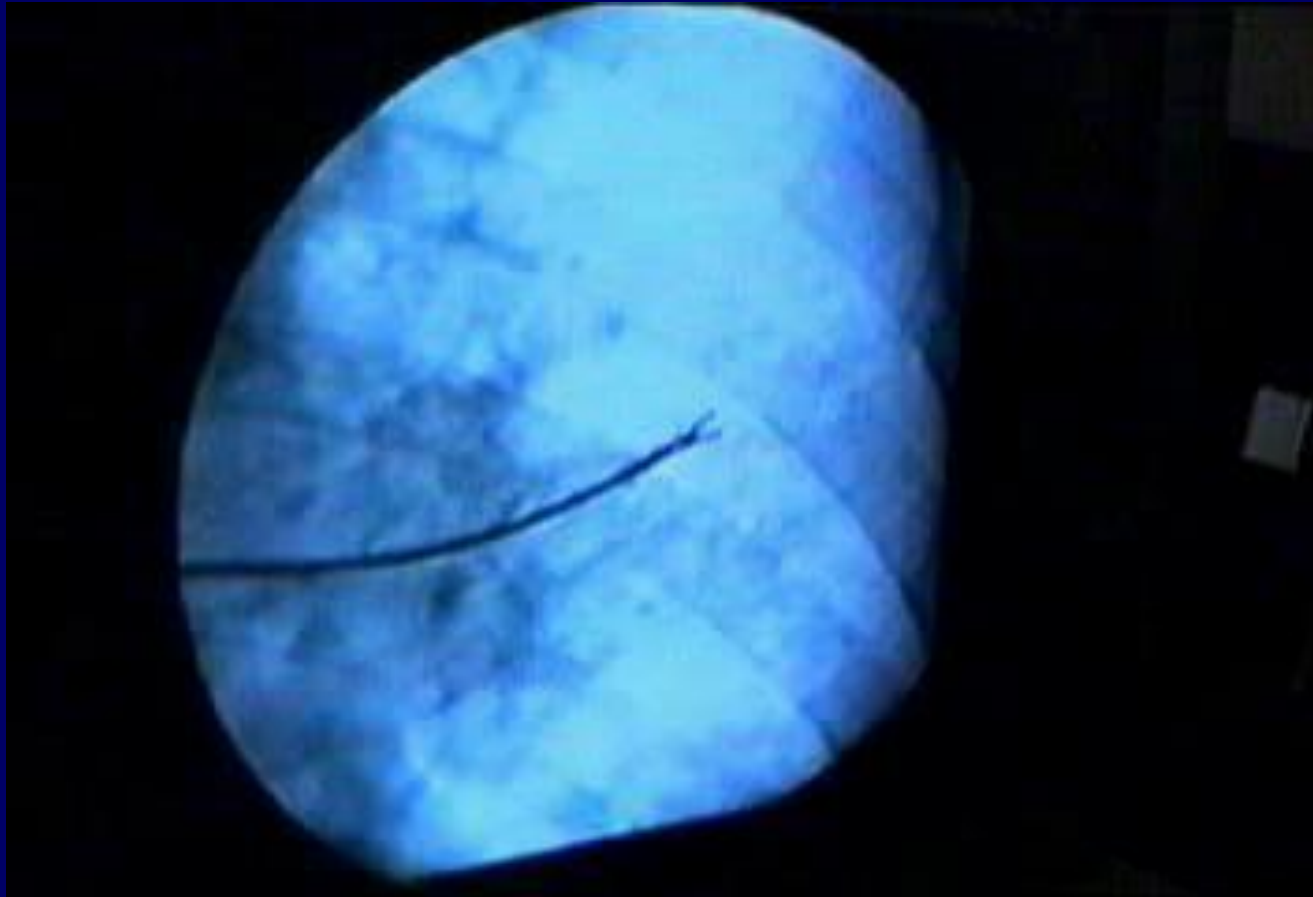


**barbat, 47 ani**

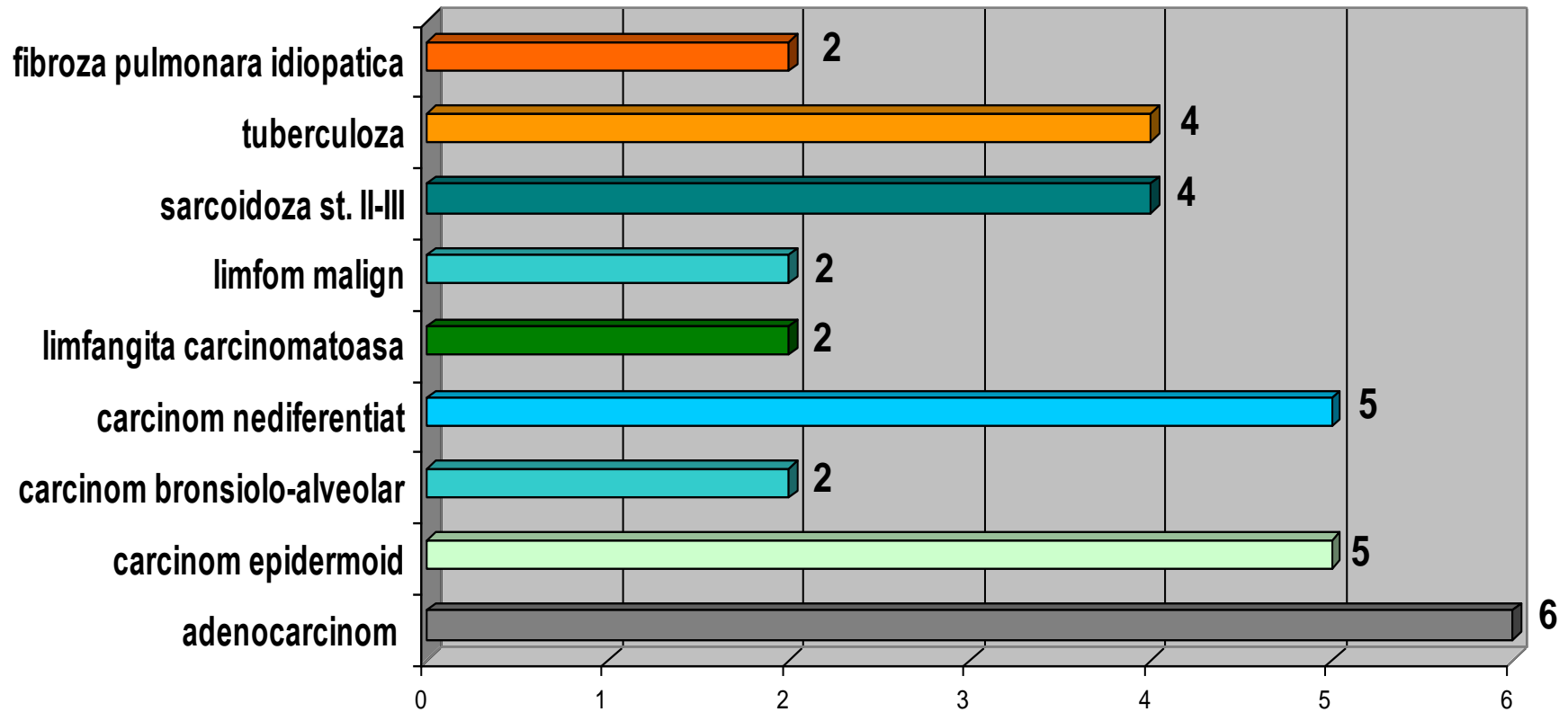


**barbat, 62 ani**

# BIOPSIE PULMONARA TRANSBRONSICA

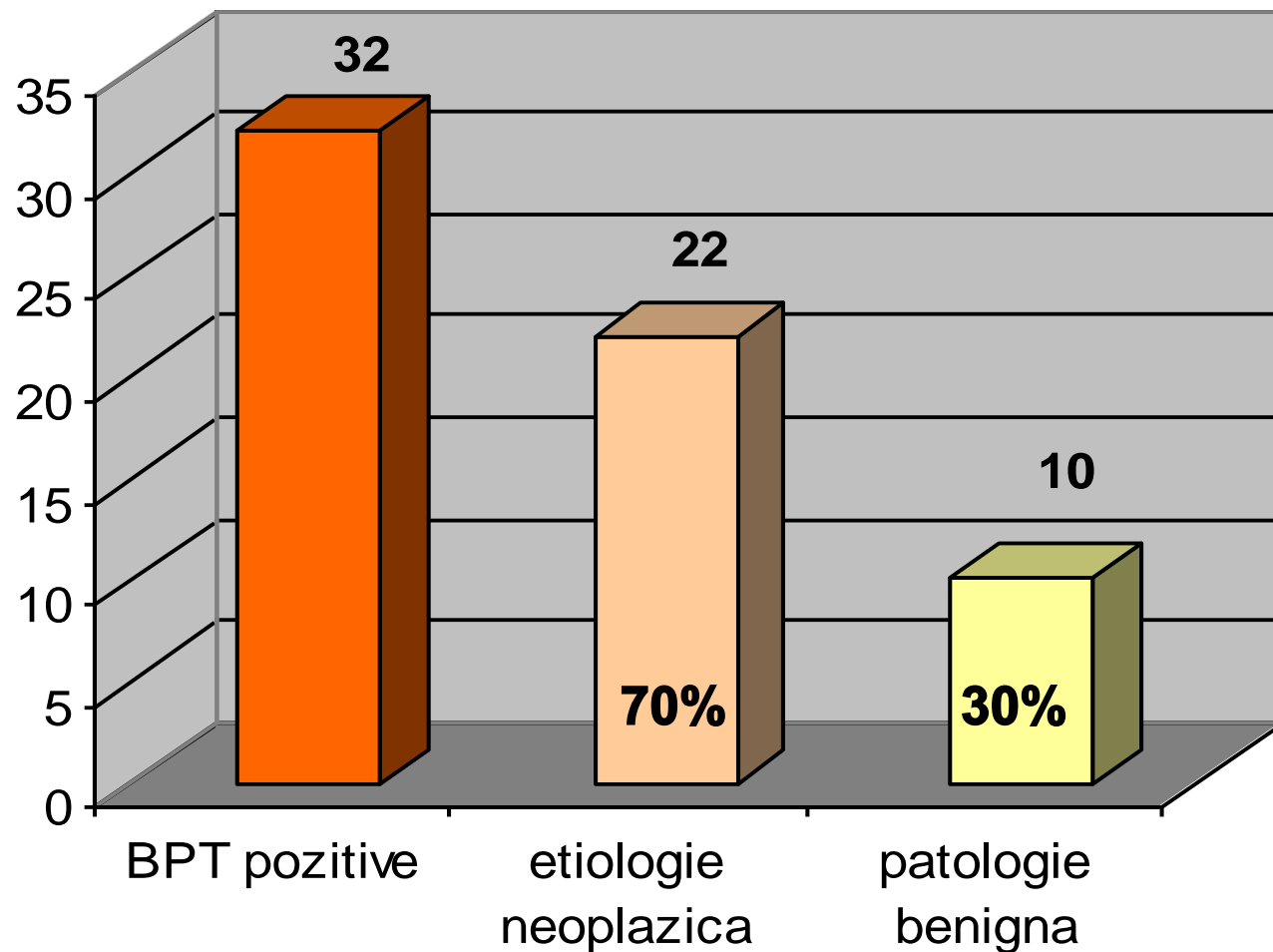


# BIOPSIE PULMONARA TRANSBRONSICA CU TIP HISTOLOGIC



# BIOPSIE PULMONARA TRANSBRONSICA

## PONDERE ETIOLOGIE NEOPLAZICA



***CONCLUZII***

**APROXIMATIV 1/2 DIN INDICATIILE ANUALE**

**PENTRU BRONHOSCOPIE**

**SUNT SUSPICIUNI DE**

**NEOPLASM BRONHOPULMONAR**

# NEOPLASM BRONHOPULMONAR

**MAJORITATEA PACIENTILOR**

**84%**

**SUNT FUMATORI**

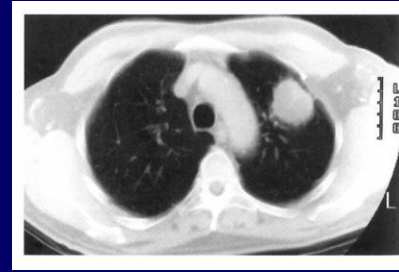
# **NEOPLASM BRONHOPULMONAR - FUMATORI**

**60-70 ANI - CEI MAI EXPUSI**

***50% DIN FUMATORII CU NEOPLASM BRONHOPULMONAR***

***45-65 ANI***

***IMPACT SOCIO PROFESIONAL / MEDICAL MAXIM***



# NEOPLASM BRONHOPULMONAR

**CT + BRONHOSCOPIE**

**NUMAI 25% RAMAN OPERABILI**

# NEOPLASM BRONHOPULMONAR - Romania

## MOMENTUL DIAGNOSTICULUI INTARZIAT

*EDUCATIE MEDICALA PRECARA*

FUMATOR

“NORMALE” TUSE, EXPECTORATIE

IMPORTANTA ↓

-TUSE CHINUITOARE

-DISPNEE

-HEMOPTIZII

-DURERI TORACICE

# NEOPLASM BRONHOPULMONAR - PACIENT ROMAN

**MOMENTUL DIAGNOSTICULUI INTARZIAT**

**> 4 MILIOANE LOCUITORI**

**NU POT EFECTUA BRONHOSCOPIE**

**IN PROPRIUL JUDET**

# Lipsa aparaturii a fost mentionata de majoritatea medicilor intervievati

- si acolo unde nu exista servicii de bronhoscopie
- si acolo unde exista servicii de bronhologie numarul lor fiind considerat insuficient si nivelul nu destul de performant

# Situatii care impiedica efectuarea cu succes a procedurilor bronhoscopice:

- **Lipsa serviciilor de anatomie patologica** si a laboratoarelor de citologie(scade randamentul diagnostic)
- **Lipsa serviciilor de ATI**(evita procedurile cu risc de complicatii)
- **Lipsa chirurgiei toracice**(evita procedurile cu risc de complicatii)

# Sugestii si dorinte:

- Crearea unui Program National de dotare cu aparatura pentru bronhoscopia diagnostica

- In Romania se poate trata optim in scop curativ neoplasmul bronhopulmonar ?

# Chirurgia toracica

Centre si specialisti insuficienti

**SUPRASOLICITAREA FIZICA SI UZURA  
INTELECTUALA A PERSONALULUI MEDICAL**

# Chirurgia toracica

-Modul chirurgie toracica obligatoriu pentru studenti

-Dezvoltarea chirurgiei toracice in teritoriu

**In fiecare judet !**

**Chirurgie toracica dotata cu aparatura si specialisti pentru chirurgia neoplasmului bronhopulmonar**

**ROMANIA**

***PROGRAM COERENT DE MANAGEMENT***

***PENTRU NEOPLASMUL BRONHOPULMONAR***



